

Form PTO-1449 (modified)		Atty. Docket No. <b>MECO:215-2</b>	Serial No. <b>10/672,163</b>
List of Patents and Publications for Applicant's  INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		Applicants: <b>Thomas Malvar</b> <b>Amy Jelen Gilmer</b>	
		Filing Date: <b>September 26, 2003</b>	Group:
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 2</i>	Other Art <i>See Page 2-4</i>	

### U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
~	A1	5,441,884	08/15/95	Baum	<del>435</del>	<del>252.31</del>	
~	A2	5,449,681	09/12/95	Wickiser	<del>514</del>	<del>366</del>	
~	A3	5,384,253	01/24/95	Krzyzek <i>et al.</i>	<del>435</del>	<del>172.3</del>	
~	A4	5,500,365	03/19/96	Fischhoff <i>et al.</i>	<del>435</del>	<del>240.4</del>	
~	A5	5,055,294	10/08/91	Gilroy	<del>424</del>	<del>93</del>	
~	A6	5,128,130	07/07/92	Gilroy <i>et al.</i>	<del>424</del>	<del>93A</del>	
~	A7	5,349,124	09/20/94	Fischhoff <i>et al.</i>	<del>800</del>	<del>205</del>	
~	A8	5,380,831	01/10/95	Adang <i>et al.</i>	<del>536</del>	<del>23.71</del>	
~	A9	5,593,881	01/14/97	Thompson <i>et al.</i>	<del>435</del>	<del>240.1</del>	
~	A10	5,508,264	04/16/96	Bradfish <i>et al.</i>	<del>514</del>	<del>12</del>	
~	A11	5,306,628	04/26/94	Sivasubramanian <i>et al.</i>	<del>435</del>	<del>69.7</del>	
~	A12	5,495,071	02/27/96	Fischhoff <i>et al.</i>	<del>800</del>	<del>302</del>	
~	A13	5,736,131	05/07/98	Bosch <i>et al.</i>	<del>800</del>	<del>300</del>	
~	A14	5,763,241	06/09/98	Fischhoff <i>et al.</i>	<del>800</del>	<del>279</del>	
~	A15	5,880,275	03/09/99	Fischhoff <i>et al.</i>	<del>536</del>	<del>23.71</del>	
~	A16	6,204,246	03/20/01	Bosch <i>et al.</i>	<del>514</del>	<del>12</del>	
~	A17	6,284,949	09/04/01	Fischhoff <i>et al.</i>	<del>800</del>	<del>302</del>	
~	A18	6,320,100	11/20/01	Koziel <i>et al.</i>	<del>800</del>	<del>279</del>	

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INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

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### Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
~	B1	WO93/07278	04/15/93	PCT	—	—	
~	B2	WO95/02058	01/19/95	PCT	—	—	
~	B3	WO95/06730	03/09/95	PCT	—	—	
~	B4	WO95/30752	11/16/95	PCT	—	—	
~	B5	WO95/30753	11/16/95	PCT	—	—	
~	B6	0 228 838 B1	12/09/86	European	G12N	15/31	
~	B7	WO98/02039	01/22/98	PCT	—	—	

### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
~	C1	Baum <i>et al.</i> , "Novel cloning vectors for <i>Bacillus thuringiensis</i> ," <i>Appl. Environ. Microbiol.</i> , 56(11):3420-3428, 1990.
~	C2	Bosch <i>et al.</i> , "Recombinant <i>Bacillus thuringiensis</i> crystal proteins with new properties: possibilities for resistance management," <i>Bio/Technology</i> , 12:915-918, 1994.
~	C3	Caramori <i>et al.</i> , "In vivo generation of hybrids between two <i>Bacillus thuringiensis</i> insect-toxin-encoding-genes," <i>Gene</i> , 98(1):37-44, 1991.
~	C4	Caramori <i>et al.</i> , " <i>Bacillus thuringiensis</i> kurstaki hybrid endotoxin genes generated by <i>In vivo</i> recombination," ISBN 1-56081-028-9, 0(0):259-267, 1990.
~	C5	Gill <i>et al.</i> , "Identification, isolation, and cloning of a <i>Bacillus thuringiensis</i> CryIAc Toxin-binding protein from the midgut of the Lepidopteran insect <i>Heliothis virescens</i> ," <i>J. Biol. Chem.</i> 270(45):27277-27282, 1995.
~	C6	Grochulski <i>et al.</i> , " <i>Bacillus thuringiensis</i> CryIA(a) insecticidal toxin: crystal structure and channel formation," <i>J. Mol. Biol.</i> , 254:447-464, 1995.

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### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
~	C7	Honée <i>et al.</i> , "The C-terminal domain of the toxic fragment of a <i>Bacillus thuringiensis</i> crystal protein determines receptor binding," <i>Mol. Microbiol.</i> , 5(11):2799-2806, 1991.
~	C8	Knight <i>et al.</i> , "Molecular cloning of an insect aminopeptidase N that serves as a receptor for <i>Bacillus thuringiensis</i> CryIA(c) Toxin," <i>J. Biol. Chem.</i> , 270(30):17765-17770, 1995.
~	C9	Lee <i>et al.</i> , "Domain III exchanges of <i>Bacillus thuringiensis</i> CryIA toxins affect binding to different gypsy moth midgut receptors," <i>Biochem. Biophys. Res. Commun.</i> 216(1):306-312, 1995.
~	C10	Masson <i>et al.</i> , "The CryIA(c) receptor purified from <i>Manduca sexta</i> displays multiple specificities," <i>J. Biol. Chem.</i> , 270(35):20309-20315, 1995.
~	C11	Mettus <i>et al.</i> , "Expression of <i>Bacillus thuringiensis</i> $\delta$ -endotoxin genes during vegetative growth," <i>Appl. Environ. Microbiol.</i> , 56(4):1128-1134, 1990.
~	C12	Nakamura <i>et al.</i> , "Construction of chimeric insecticidal proteins between the 130-kDa and 135-kDa proteins of <i>Bacillus thuringiensis</i> subsp. <i>aizawai</i> for analysis of structure-function relationship," <i>Agric. Biol. Chem.</i> , 54(3):715-724, 1990.
~	C13	Racapé <i>et al.</i> , "Properties of the pores formed by parental and chimeric <i>Bacillus thuringiensis</i> insecticidal toxins in planar lipid bilayer membranes," <i>Biophysical J.</i> 72(2),(part 2 of 2), A82, M-Pos329, 1997, ISSN:0006-3495.
~	C14	Raymond <i>et al.</i> , Larvicidal activity of chimeric <i>Bacillus thuringiensis</i> protoxins," <i>Mol. Microbiol.</i> , 4(11):1967-1973, 1990.
~	C15	Rudd <i>et al.</i> , "Domain III substitution in <i>Bacillus thuringiensis</i> delta-endotoxin CryIA(b) results in superior toxicity for <i>Spodoptera exigua</i> and altered membrane protein recognition," <i>Appl. Environ. Microbiol.</i> , 62(5):1537-1543, 1996.
~	C16	Rudd <i>et al.</i> , "Different domains of <i>Bacillus thuringiensis</i> $\delta$ -endotoxins can bind to insect midgut membrane proteins on ligand blots," <i>Appl. Environ. Microbiol.</i> , 62(8):2753-2757, 1996.
~	C17	Schnepf <i>et al.</i> , "Specificity-determining regions of a Lepidopteran-specific insecticidal protein produced by <i>Bacillus thuringiensis</i> ," <i>J. Biol. Chem.</i> , 265(34):20923-20930, 1990.
~	C18	Shadenkov <i>et al.</i> , "Construction of a hybrid gene from CryIIIA and CryIA(a) $\delta$ -endotoxin genes of <i>Bacillus thuringiensis</i> and expression of its derivatives in <i>Escherichia coli</i> cells," <i>Mol. Biol.</i> , (Mosk), 27(4):952-9, 1993.

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Exam. Init.	Ref. Des.	Citation
~	C19	Thompson <i>et al.</i> , "Structure, function and engineering of <i>Bacillus thuringiensis</i> toxins," <i>Genetic Engineering</i> , 17:99-117, 1995.
~	C20	Vachon, <i>et al.</i> , "Mode of action of <i>Bacillus thuringiensis</i> insecticidal crystal proteins: a study of chimeric toxins," <i>FASEB Journal</i> 10(3), A74, 429, 1996, ISSN:0892-6638.
~	C21	DeMaagd <i>et al.</i> , "Different domains of <i>Bacillus thuringiensis</i> $\delta$ -endotoxins can bind to insect midgut membrane proteins on ligand blots," <i>Appl. Environ. Microbiol.</i> , 62(8):2753-2757, 1996.
~	C22	Honée <i>et al.</i> , "A translation fusion product of two different insecticidal crystal protein genes of <i>Bacillus thuringiensis</i> exhibits an enlarged insecticidal spectrum," <i>Appl. Environ. Microbiol.</i> , 56(3):823-825, 1990.
~	C23	International Search Report dated April 20, 1998 (PCT/US97/21587)(MECO:205P)
~	C24	DeMaagd <i>et al.</i> , "Domain III substitution in <i>Bacillus thuringiensis</i> delta-endotoxin CryIA(b) results in superior toxicity for <i>Spodoptera exigua</i> and altered membrane protein recognition. <i>Appl. Environ. Microbiol.</i> , 62(5):1537-1543, 1996.
~	C25	Perlak <i>et al.</i> "Modification of the Coding Sequence Enhances Plant Expression of Insect Control Protein Genes," <i>Proc. Natl. Acad. Sci. USA</i> , 88:3324-3328, 1991.
~	C26	Perlak <i>et al.</i> "Insect Resistant Cotton Plants," <i>Bio/Technology</i> , 8:939-943, 1990.

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